

## 1. INTRODUCTION

### 1.1 Preface

Thank you very much for purchasing our APPMPHDTD T Multi-media player and recorder. We hope you will enjoy using it as a great home entertainment device. This player has the following functionality.

#### **A/V Output**

HDMI V1.3 for high-definition video and digital audio

CVBS video and stereo audio for analog audio-visual connection

Coaxial & Optical interface for high-fidelity digital audio

Adjustable video output resolution (NTSC, PAL, 576p, 720p, 1080i, 1080p)

#### **Multimedia Playback**

Supports major audio, video and image file formats (1080p HD video decoding)

Movie format: AVI/MKV/TS/TP//M2TS/MPG/MJPG/MP4/MOV/VOB

Music format: MP3 /WMA/AAC

Photo format: JPEG/BMP/PNG

Photo slide show with background music

#### **DVB-T TV Receiver**

Supports Digital Video Broadcasting Terrestrial(DVB-T) reception, Electronic Program Guide(EPG)

#### **PVR**

Support three recording mode:

##### **EPG Reservation Recording**

##### **Manual Reservation Recording**

##### **One Button Recording**

When the player start to record , a icon will be displayed on the top left corner to show



the recording statues and time.

### **USB &Memory Card Support**

USB HOST port x 2

SD CARD Slot x 1

### **Device**

Can be used as a portable HDD Player.

### **1.2 Packing list**

<b>PART</b>	<b>QUANTITY</b>
Player	1
Adapter	1
Remote Control	1
Remote Control Battery	2
AV Cable	1
USB Device cable	1
User Manual	1

### **Note:**

The actual contents in the package might be different from the packing list in this manual.

We hope that this product will bring you a lot of enjoyment. We are committed to apply multimedia technology in your work, entertainment, family, daily life, car and everywhere! Welcome to be with us. Thank you again for choosing our product.



### 1.3 Cautions

This player's design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

#### 1.3.1 Usage Cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5 to +50.

#### 1.3.2 Power supply

The player's power voltage: **DC 12V**.

When using this player, please connect the supplied AC adapter to the player's power jack. Please make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

#### 1.3.3 Radio Interference

If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference.

The design of this player has followed the FCC/CE standard, and has followed the following rules:

- (1) This player may not cause harmful interference;
- (2) This player could accept some interference received including interference that may cause undesired operation.

#### 1.3.4 Repair

If the player has a problem, you should take it to an appointed repair center and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.



### 1.3.5 Others

When using this player:

Do not let the player come into contact with water or other liquid.

Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.

Do not press the buttons of the player too hard.

Avoid hitting the player with hard object, avoid shaking the player, and stay away from magnetic fields.

During electrostatic discharge and the strong electromagnetic field, the product will malfunction, then unplug the power cable and the product will return to normal performance next time it is powered on.

## 2. CONNECTION

### 2.1 Connecting the Power Supply

- (1) Connect the AC adaptor to the player's DC IN jack;
- (2) Plug in the AC adaptor to the power outlet.

**Note:** DC 12V, 3A

### 2.2 Connecting a USB Device

- (1) Make sure the player is powered on;
- (2) Plug in the USB stick /USB HDD etc. to the USB HOST port of this player.

### 2.3 Connecting a Memory Card

Memory card can be used by inserting to the card slot

- (1) Insert the memory card to the card slot properly;
- (2) Insert the card by following the onscreen pointer above the card slot.



## 2.4 Connecting to a TV

### 2.4.1 A/V OUT

- (1) Plug in the 3 color connector to the player's A/V OUT jack;
- (2) Plug in the 3 color connector to the TV's A/V IN jack.

Also, can use the audio output from the **Coaxial/Optical** OUT jack while using CVBS Video out.

In this way, you can enjoy the content in the player on TV or other display devices.

### 2.4.2 HDMI OUT

- (1) Plug one connector on your HDMI cable to the player's HDMI jack;
- (2) Plug the other connector on your HDMI cable to the TV's HDMI jack.

In this way, you can have the highest quality video and audio via a single cable.

### 2.4.3 Connecting to an Digital Amplifier

- (1) Follow the picture and plug in the RCA connector on your coaxial cable to the player's S/PDIF Coaxial jack. Or if you use optical fiber, please plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack;
- (2) Plug in the other connector on your coaxial cable or optical fiber to the digital audio device (digital amplifier or decoder).

**Note:** Optical fiber and coaxial cable are not supplied.

## 2.5 Connecting to computer

- 1) Plug one connector on your USB cable to the player's USB device.
- 2) Plug one connector on your USB cable to the computer USB Host.
- 3) Switch the power key to on.

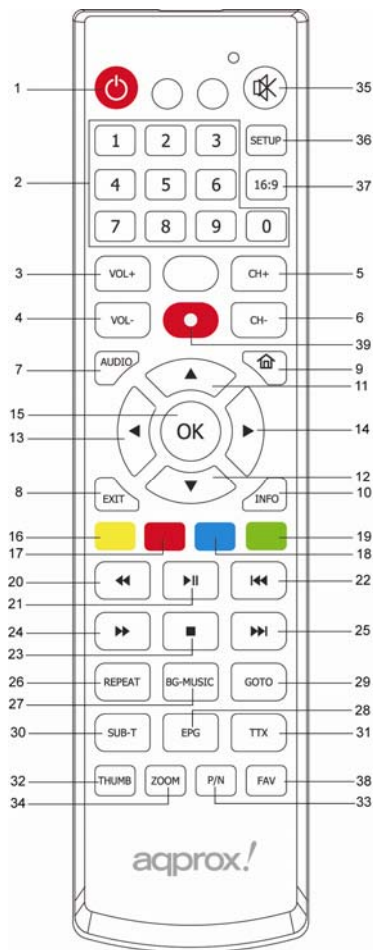
In this way, you can use it as a portable HDD Player.



### 3. OPERATION

#### 3.1 Player Introduction

##### 3.1.1 REMOTE CONTROL





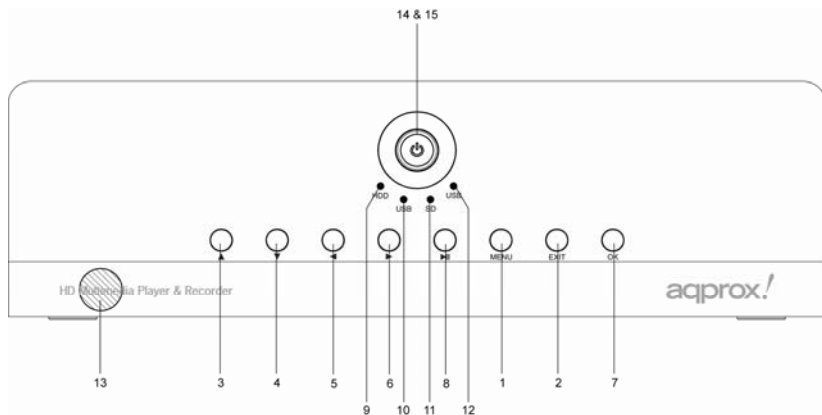
NO.	NAME	FUNCTION
1	POWER	Press to enter standby mode or wake up
2	NUMERIC BUTTONS	Press to enter numeric input when changing settings
3	VOL+	Press to increase the volume
4	VOL-	Press to decrease the volume
5	CH+	Press to view the previous channel
6	CH-	Press to view the next previous channel
7	AUDIO	Press to select an audio track
8	EXIT	Press to quit some dialogue box
9	HOME	Press to enter the home screen
10	INFO	Press to show the current file information
11	UP	Press to move the highlight up while navigation menus
12	DOWN	Press to move the highlight down while navigation
13	LEFT	Press to move the highlight left while navigation menus
14	RIGHT	Press to move the highlight right while navigation menus Press to selected the favorite music
15	OK	Press to confirm
16	YELLOW	Press to add a recording schedule
17	RED	Press to edit the prerecord schedule
18	BLUE	Press to delete the record book item Press to select the delete the files under "Browser" and "PVR"
19	GREEN	Press to enter the timer menu
20	FR	Press to fast rewind the current playback Press repeatedly to select speeds
21	PLAY/PAUSE	Press to begin play or pause the current playback



22	FF	Press to fast forward the current playback Press repeatedly to select speeds
23	STOP	Press to finish your current playback
24	PREVIOUS	Press to view the previous file/ page UP
25	NEXT	Press to play the next file/ page DOWN
26	REPEAT	Press to set repeat option
27	BG-MUSIC	Press to wake up background music
28	EPG	Press to enter the Electronic Program Guide which displays an on-screen list of programs for the coming week when watching Digital Terrestrial TV
29	GOTO	Press to select the time point
30	SUB-T	Press to set subtitle options
31	TTX	Press to enter TTX interface
32	THUMB	Press to show the 9 pictures on screen.
33	P/N	Press to choose HDMI/ CVBS
34	ZOOM	Press to zoom in/out the image (photo or video)
35	MUTE	Press to mute audio output, press again to resume
36	SETUP	Press to enter the setting main menu
37	16:9	Switch between 16:9 and 4:3 display
38	FAV	Press to show the music playlist.
39	REC	Press to start Recording on TV mode



### 3.1.2 FRONT PANEL

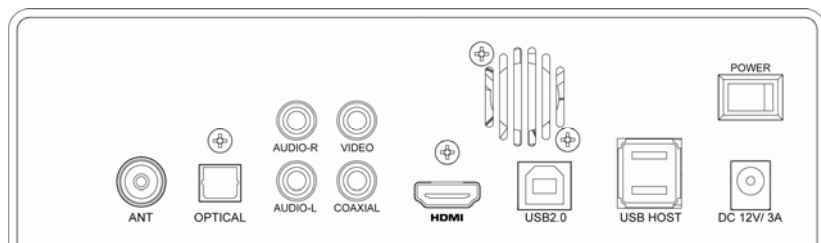


NO.	NAME	FUNCTION
1	MENU	Press to show the setup menu
2	EXIT	Exit/Cancel
3	UP	Move the highlight up
4	DOWN	Move the highlight down
5	LEFT	Move the highlight left
6	RIGHT	Move the highlight right
7	OK	Enter/ Play
8	PLAY/ PAUSE	Play/ Pause switch
9	HDD INDICATOR	Indicator (Blue) turns on when you read the data in the HDD
10	USB INDICATOR	Indicator (blue) turn on when you connect the Memory device through USB host ports



11	SD INDICATOR	Indicator (blue) turn on when you connect the SD Memory card through SD Card port
12	USB INDICATOR	Indicator (blue) turn on when you connect the Memory device through USB host ports
13	IR WINDOW	Receiving IR signals from the remote control
14	STATUS INDICATOR	Indicator (blue) turns on when the system is alive
15	STANDBY INDICATOR	Indicator (red) turns on when the system is in standby mode

### 3.1.3 REAR PANEL



NAME	FUNCTION
DC	DC IN jack
USB 2.0	USB device
AUDIO-R	Audio OUT jack (Right Channel)
VIDEO	Video OUT jack
OPTICAL	Optical jack
HDMI	HDMI jack
USB HOST	USB host port



ANT	TV/ RF IN socket
AUDIO-L	Audio OUT jack (Left Channel)
COAXIAL	SPDIF OUT jack
Power	Power on/off
Fan	Fan-cooled radiator

## 4. HOW TO PLAY

### 4.1 Power On/ Off

#### ***Power On***

After connecting the DC IN jack and press the power button on the rear panel, the player is on the standby mode. After press the “POWER ” key on the front panel or on the RC, the power indicator will turn red to blue. The player soon will show the logo, and then enter the home screen.

#### ***Power Off***

Press the power button on the front panel, the player will soon enter standby mode, and the power indicator will turn red. Then switch the “power” key on the rear panel on to off to cut off the power cord .



## 4.2 Multimedia player

### 1) Setup menu

The Setup menu allows you to personalize and configure the preferences for your player. To select a Setup option:

There are four Setup options: **SYSTEM, MOVIE, PHOTO, FORMAT**. Use the **LEFT/RIGHT** navigational buttons to select a menu. Press **ENTER** to confirm. Press **EXIT** to exit the sub-setup menu.

#### • Changing System Settings

Use this menu to configure audio settings:

##### **Language:**

The system language of this player can be set to English or other languages. Change the language you wish in the setup menu, the selected language will take effect immediately.

Select the language that you want.

##### **Aspect Ratio:**

- **AUTO**: Display picture or movie on original aspect ratio.
- **4:3 Full**: Display picture or movie on the full screen.
- **Pan Scan 4:3**: Display a wide picture on the entire screen and cuts off the redundant portions. Select when a standard 4:3 TV is connected.
- **Letter Box 4:3**: Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected.
- **16:9 Wide Screen**: Maximizes the image in the horizontal axis to 16:9.

**TV Format**: Select to adjust TV model **NTSC** or **PAL**

**HDMI**: Select to adjust video output resolution 720P, 1080I, 1080P



**SPIDF:** Set PCM/ ROW DA TA when select the optical as audio output ,or else set OFF.

**PREVIEW:** Select to turn on / off movie or music preview in the browser menu.

**Factory Default:** Select to restore factory defaults.

**Firmware version:** Show the software INFO.

### • Changing movie setting

- **SUBTITLE SPECIFIC:** Select the subtitle specification : NORMAL/ SMALL/ BIG
- **SUBTITLE BG:** Select to adjust subtitle background color: TRANSPARENT/ YELLOW & GREEN/ WHITE/ GRAY
- **SUBTITLE FONT COLOR:** Select to adjust subtitle font color : RED/ GREEN/ BLUE.
- **START RESUME:** Select to turn on / off resume playback (auto-bookmarking) feature for movies

### • Changing photo setting

- **Slide show time:** Select to adjust slide show time: 2S/ 3S/ 5S/ 7S.
- **Slide mode :** there are 46 slide show mode you can choose : RANDOM, 0, 1, .....45.

### • Format:

You can format a HDD (FAT32 or NTFS) in a partition whether new or used HDD.

## 2) Photo menu

In this mode, all folders and supported photos in current directory will be displayed.

Please set the preview item is “on” in setup.



### 3) Music menu

In this mode, this player supports the playlist function, which allows you to add your favorite audio files on local HDD / Memory Card to the playlist, and enjoy them at any time. The playlist will be saved on the current partition.

#### Adding files to the playlist :

Select the favorite file you wish to add, press the " **Right**" direction key, and the file will be ticked. Press the **FAV** button to confirm, and then an **PLAYLIST MODE** will be shown.

#### Delete files from the playlist:

Select the destination file, press the **RIGHT** button, and the file will be marked **x**, and then press **ENTER** to delete them immediately, or will be deleted when you exit the playlist.

### 4) Movie menu

In this mode, all folders and supported videos in current directory will be displayed.

### 5) Browser menu

In this mode, all folders and supported contents (music, photos, and movies) will be displayed.

## 4.3 TV

### 4.3.1 DVB-T TV Player Setting

When you get into the TV first time, the system will show the " **Installation Guide**" dialog box for you to auto searching TV information as below :

#### Installation Guide

**OSD Language:** you can choose the language;

**Country:** you need choose the country first before you start search channel;



**Channel search:** start to auto search

Also you can choose “**manual search**” for channel searching in Setup menu, so you can press “**setup**” key to enter setup menu for setting:

### Option

**Subtitle language:** Press **left/right** key to choose the tv subtitle language;

**Audio language:** Press left/ right key to choose the audio language;

**Digital audio:** press left/ right key to choose digital audio output: PCM/ DATA RAM.

### Channel search

**Auto Search:** press right key start to auto scan all frequency.

**Manual Search:** press right key start to manual search setting.

**Country:** press left/right key to choose the country.

**Antenna power:** press left/right key to choose the antenna type.

### Program

**Program edit:** press right key to enter program edit sub-menu, then enter password: 88888

In this mode the four color keys will be used under this mode:

*Move: yellow Skip: Green Edit: Red Delete: Blue*

**EPG:** press ENTER to show the seven days program information for the current channel.

**LCN:** Press **left /right** key to switch LCN ON /OFF

**Sort:** Press **right** key to choose how to sort the channel :by LCN

### Time

**Time offset :** Press **right/left** key to switch time offset.



**Country region:** Press right left key to choose the country.

**Time zone:** Press left/right key to adjust the Greenwich time.

## System

**Parental Guidance:** press **left/right** key to set the program level.

**Set password:** Press right key to enter the password setting sub menu, then use the numeric key on the RC to set the password.

**Factory default:** press right key to restore the default setting then enter password: 888888.

**Information:** Press right key to show the system information (model NO., SW Version, HW Version).

## USB

**PVR configure:** press right key to choose the PVR target disk (SD Memory card, USB Host or SATA HDD).

### 4.3.2 TV Play/ Recording mode

BUTTON	FUNCTION
CH+/CH-	Press to view preview/ next channel.
INFO	Press to show the channel information. If you want to view detail information such as frequency, bandwidth Just press info key twice.
SUB-T	Press to choose the subtitle you like, this is only available if the channel has multi-subtitle;
AUDIO	Press to choose the audio you like, this is only available if the channel has multi-tracks;



<b>TTX</b>	Press to start review TTX. You can find the four color key simple directions under the bottom line.
<b>EPG</b>	press to show the seven days program information for the current channel.
<b>OK</b>	Press ok key to show "all TV list", then press left key switch to "all Radio list".
<b>YELLOW</b>	Press to add a recording schedule. Press to start EPG reservation recording under EPG menu.
<b>RED</b>	Press to edit the recording schedule.
<b>BLUE</b>	Press to start recording directly. Press to delete a recording schedule under recording schedule menu.
<b>GREEN</b>	Press to enter the PVR booking menu.
<b>SETUP</b>	Press to enter to setup menu.
<b>LEFT/Right or Vol+/Vol-</b>	Press to adjust volume.
<b>EXIT</b>	Press to return to main menu.
<b>NUMERIC BUTTONS</b>	Press to put into the number when you manual search channel.

#### 4.3.2.1 TV Recording

The system support two recording mode as follows. And you can read the files you had recorded in "PVR" interface.

##### Note:

- 1) Don't forget to set the PVR target disk from setup menu **USB/ PVR configure** before you start add a record booking list.
- 2) Different recording tasks can not be set at the same time.

##### One button recording:

While watching TV, press " REC" button to start recording the program, and press



“stop” button to exit.

## **Schedule recording:**

### **1) Manual Reservation Recording**

Press “Blue” key to enter the Schedule mode. then press “yellow” ,”Red” ,” Green” key to add ,edit ,delete the recording task.

### **2) EPG Reservation Recording**

Press EPG to show the TV programs, and choose the program you want to record, then press “yellow” ,”Red” ,”Green” key to add ,edit ,delete it.

#### **Note:**

- 1) If the EPG record and manual record are in use, you can't start to one button recording task.
- 2) If the system recording channel A (one button recording mode), and channel B recording task is coming up, the system will show a dialog windows, then you can choose to continue recording channel A or change to channel B to start recording schedule task. When the recording is finishes the device will return to channel A.
- 3) If you are watching channel A, the system will show you a dialog windows when timing up, then you can choose to cancel or change to start the schedule recording task. When the recording is finishes the device will return to channel A.
- 4) If you are on multimedia play mode, the system will show you a dialog windows when timing up, then you can choose to cancel or change to start the schedule recording task. When the recording is finishes the device will return to channel A.
- 5) If you set the device on stand by mode, the device will auto wake up and start the recording tasks, when timing up. When the recording is finished the device will turn to stand by mode after recording.



6) Don't forget to closed the **Schedule** menu to save the setting, before you start next step.

#### 4.4 Delete

The system support deleted files under “Bro wser” and “PVR”. You can select the files that you want to delete b y “Blue” key in the r emote unite, then pr ess “Enter” to st art delete.

### 5. SYSTEM UPDATE

Download the updated firmware from Approx's website: [www.printyourideas.com](http://www.printyourideas.com).

Select to update the firmware from via a **USB stick**.

1) Copy the firmware file to the root directory of a USB stick, and connect it to the USB HOST port of the player.

2) Enter “BROWSER” icon and then move cursor to select the firmware file, then press “**OK**” key to start upgrade software. Keep Stabilized Power Supply till “100%” show on screen.